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AdS/CFT Simulations of Meson Decay Rates

Thursday 11 January 2018 11:40 (20 minutes)

Recent work has show that the AdS/CFT correspondence can be used to successfully model mesons. In particular, the combination of this method and the instanton method shows particular promise in calculating meson decay rates.

I will present the background of this technique, beginning with introducing a toy 2 dimensional model. I will then present my more recent work on a more realistic model using the Sakai-Sugimoto spacetime in for the string picture.

What would be the preferred length of your talk?

20 minutes + questions

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